

10/501972

1/26

FIG. 1
PRIOR ART

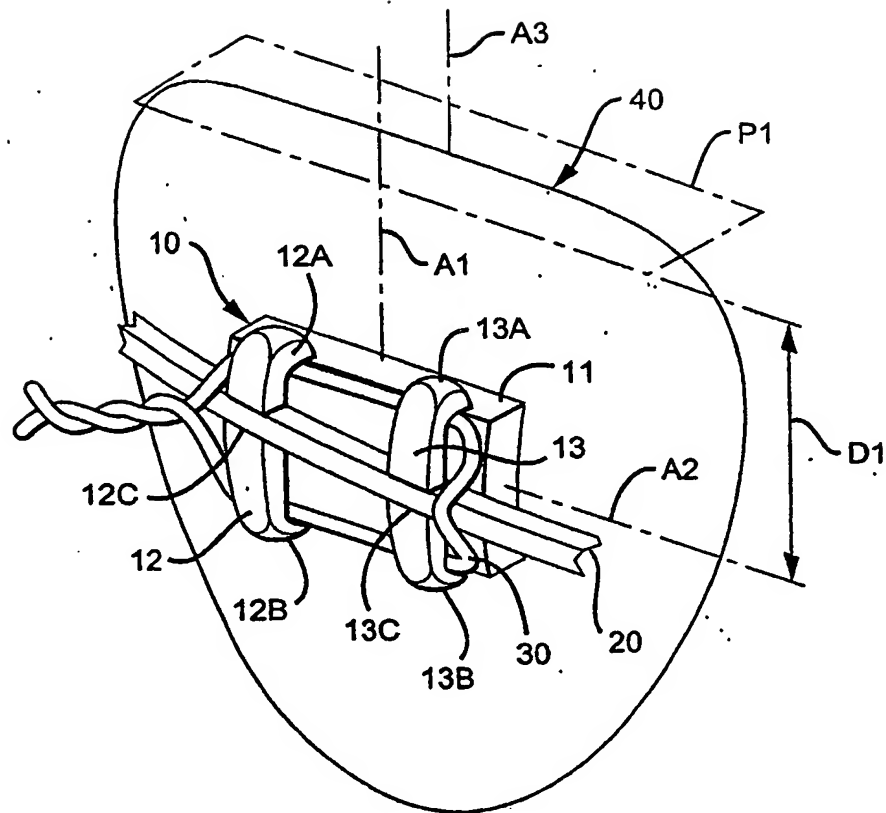


FIG. 2A

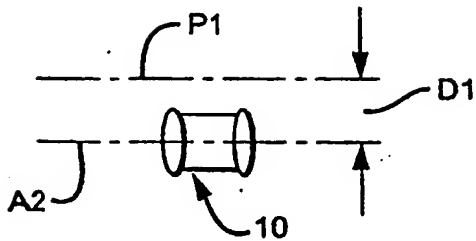


FIG. 2B

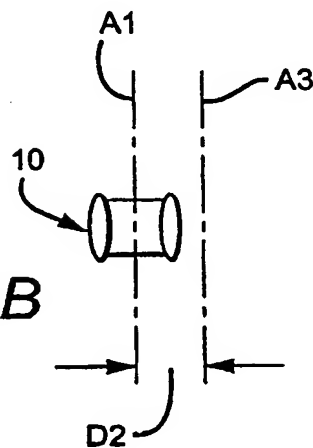
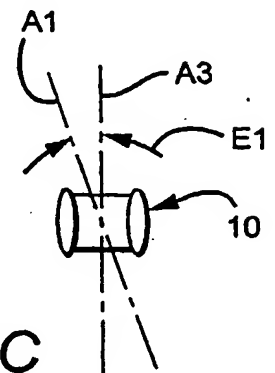


FIG. 2C



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FIG. 3
PRIOR ART

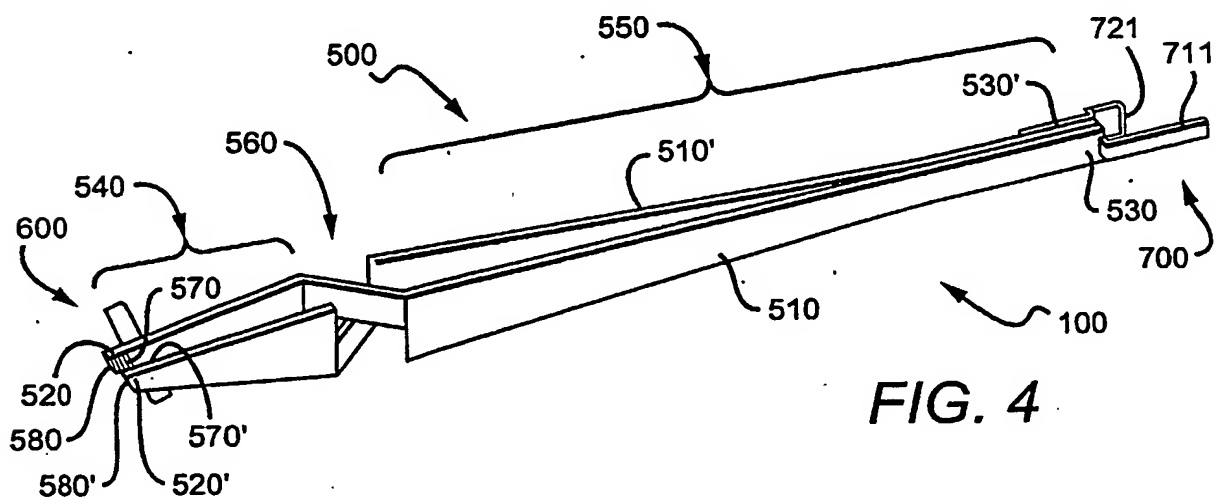
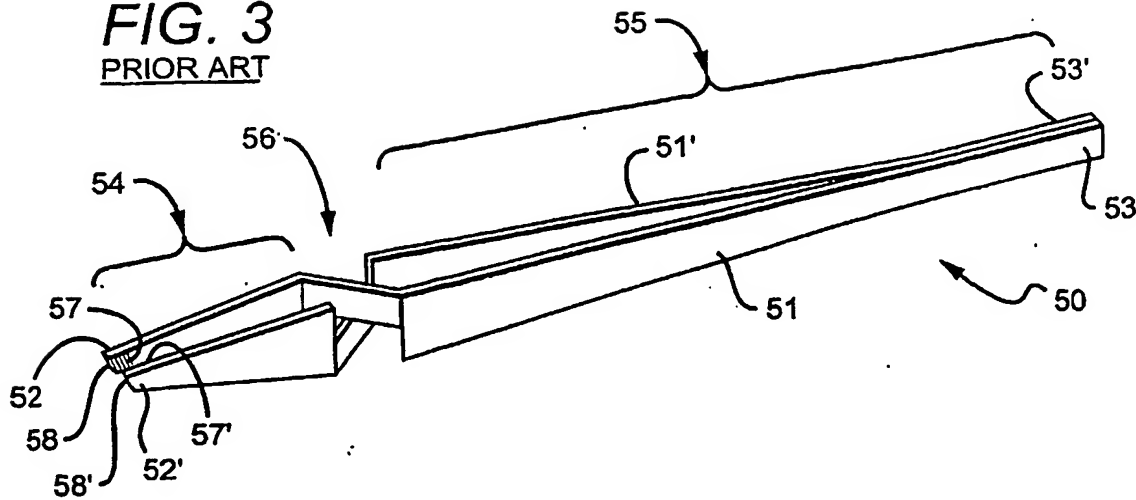
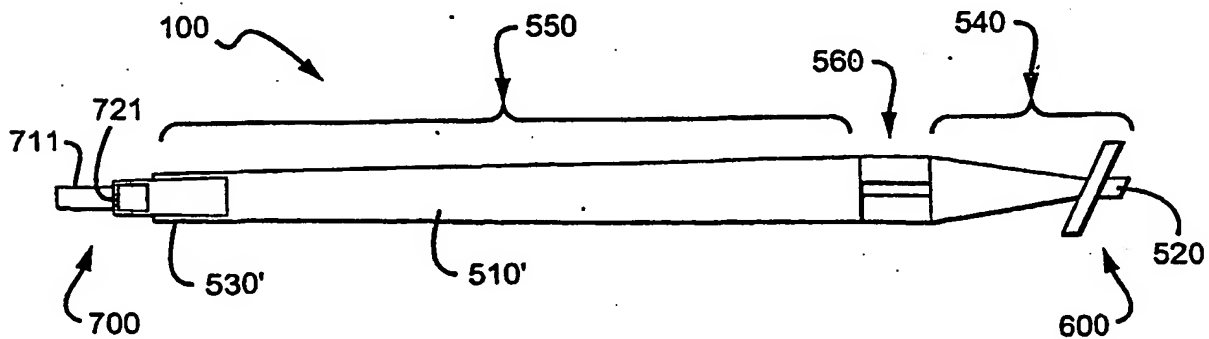


FIG. 4

FIG. 4A



10/501972

3/26

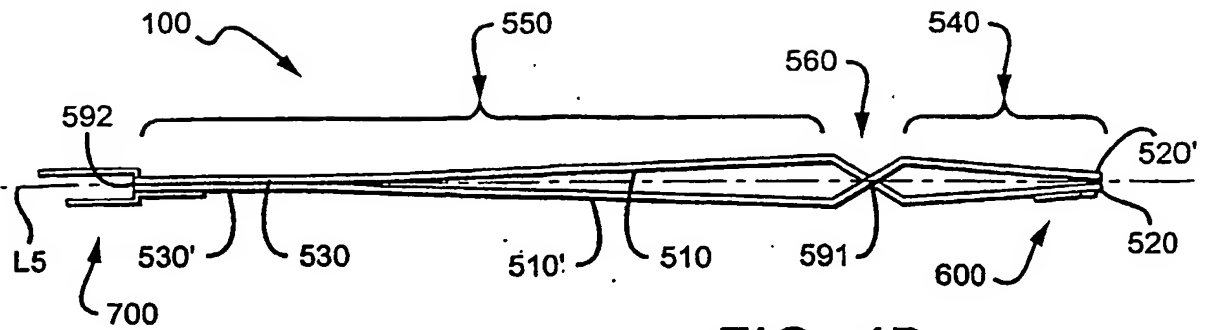


FIG. 4B

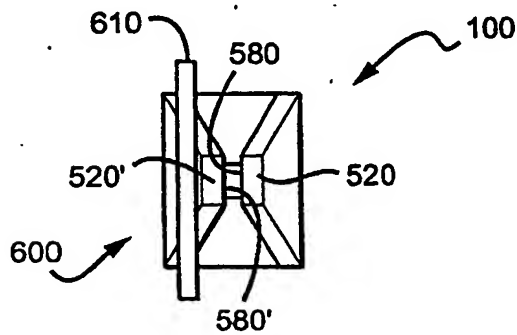


FIG. 4C

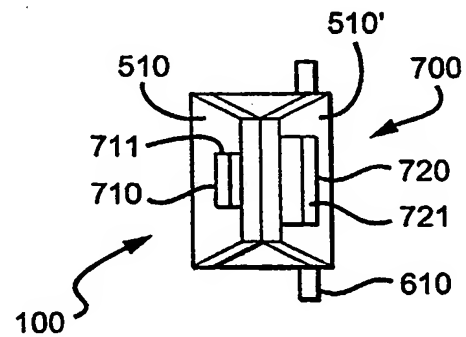


FIG. 4D

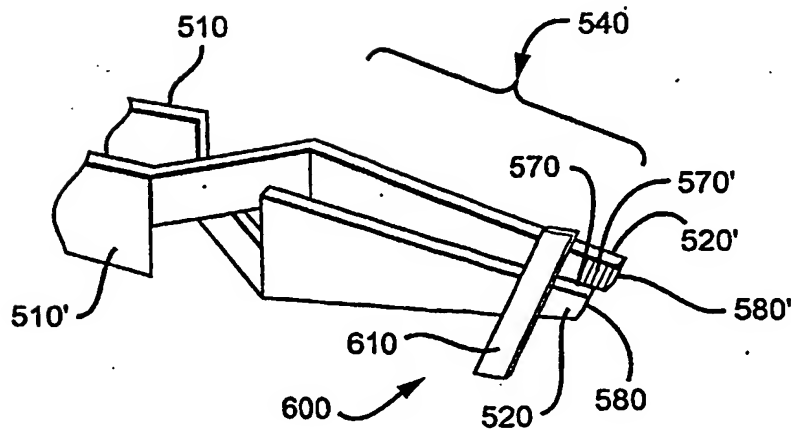


FIG. 4E

4/26

FIG. 4F

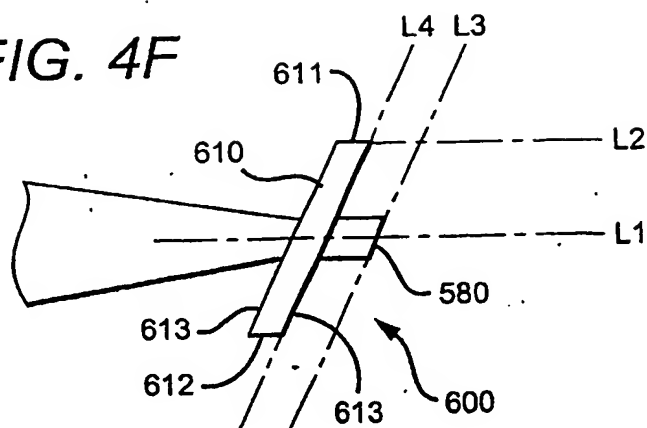


FIG. 4G

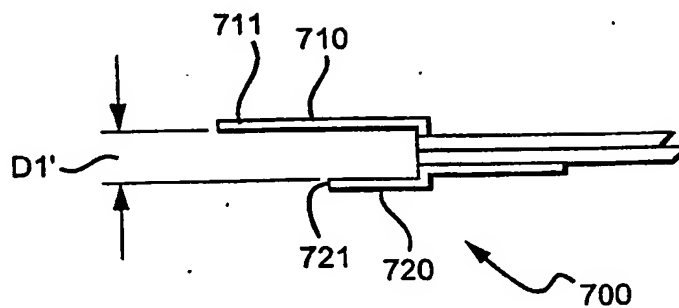


FIG. 4H

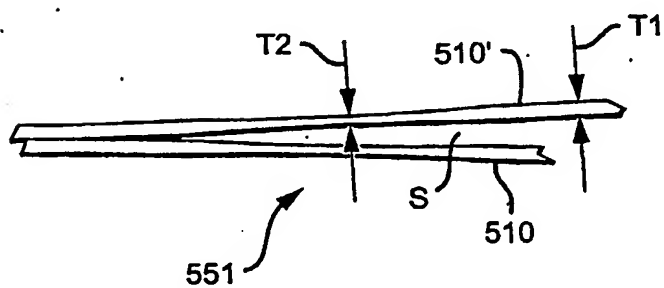
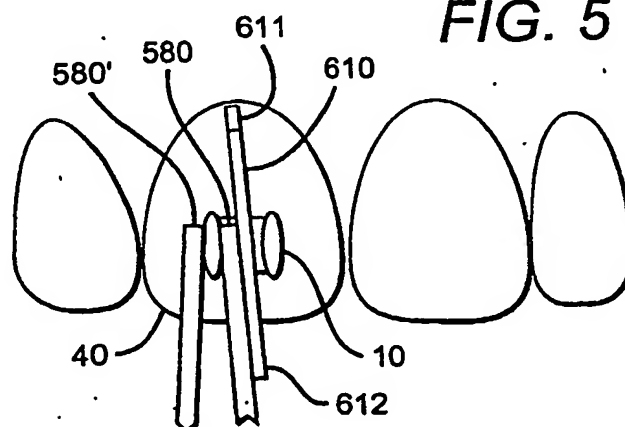


FIG. 5



5/26

FIG. 6

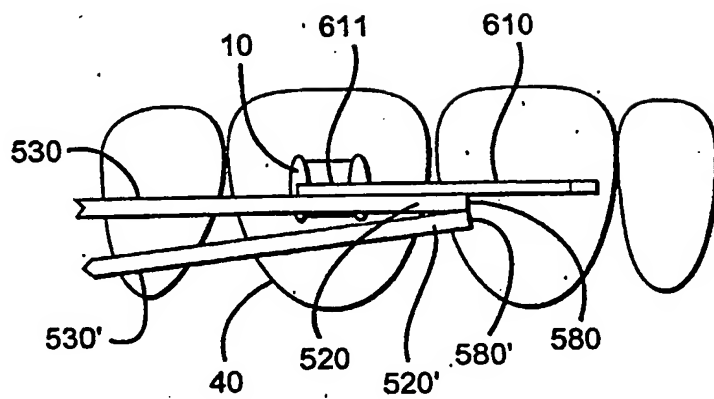
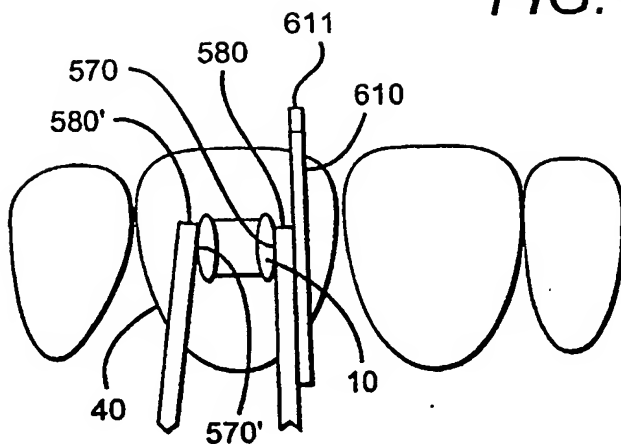
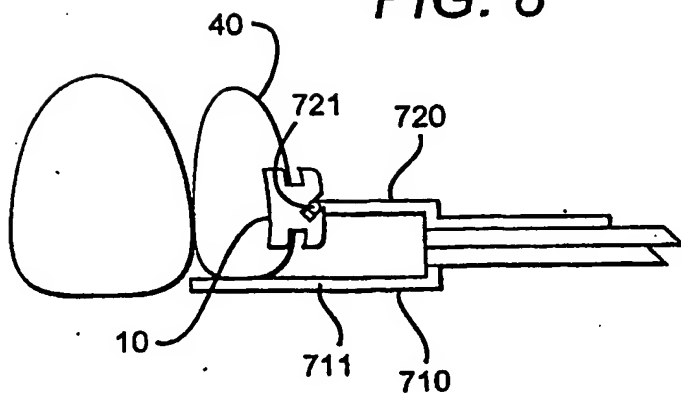


FIG. 7

FIG. 8



6/25

FIG. 9

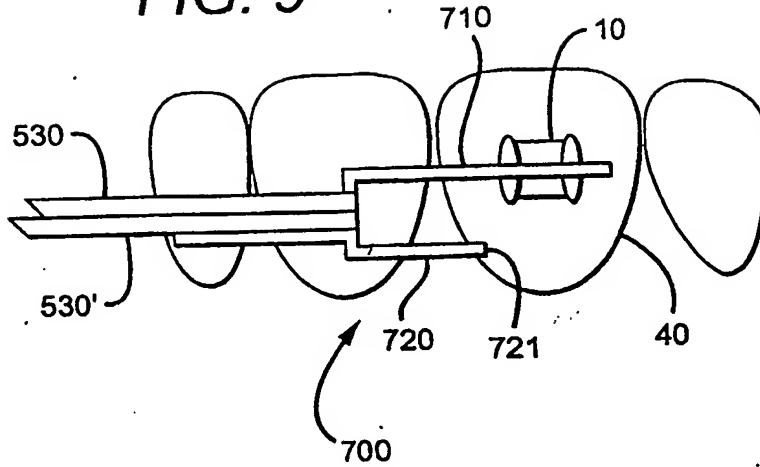
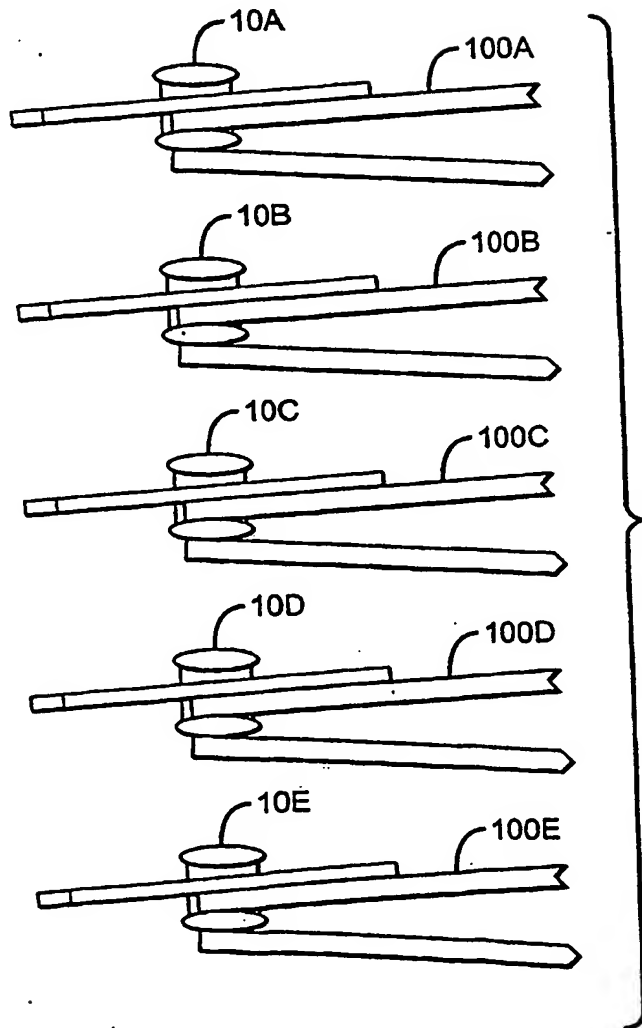


FIG. 10



7/26

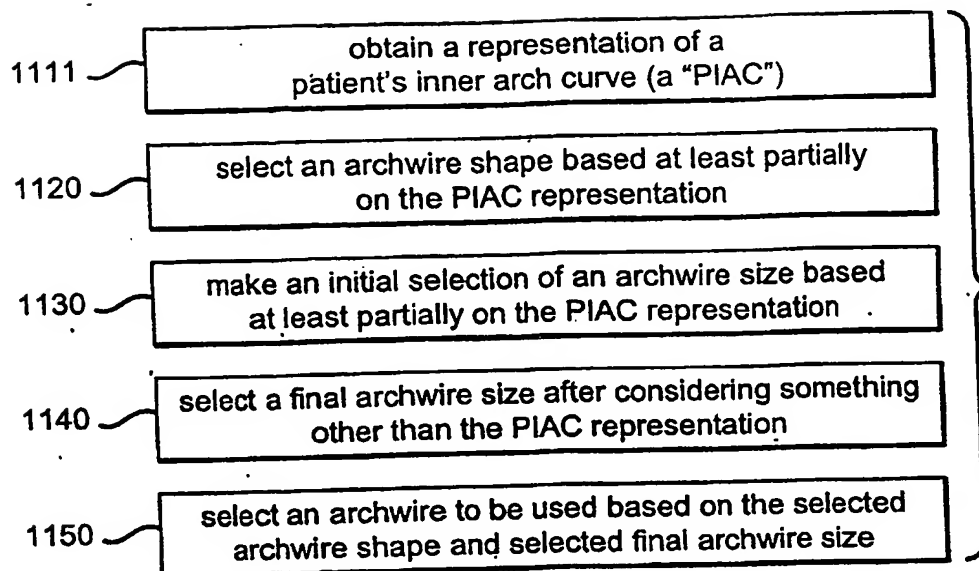


FIG. 11

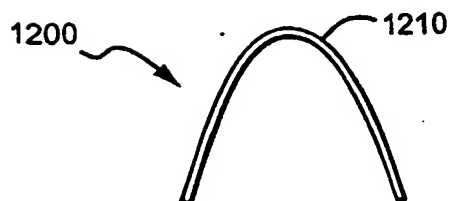
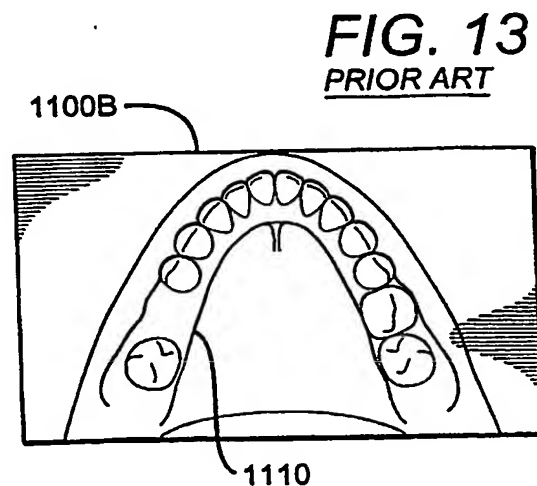
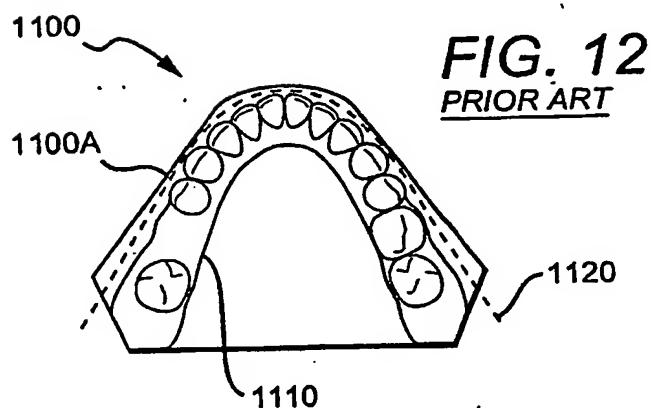


FIG. 14

8/26

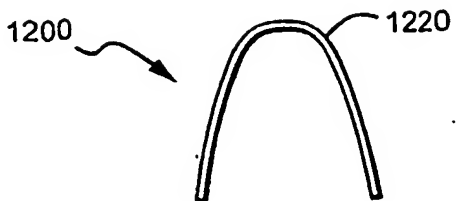


FIG. 15

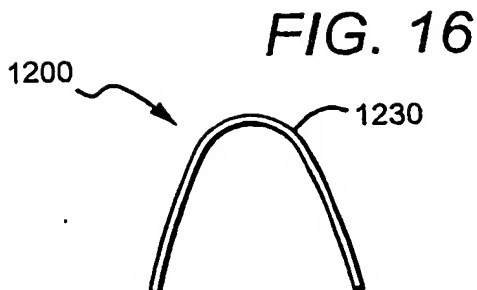


FIG. 16

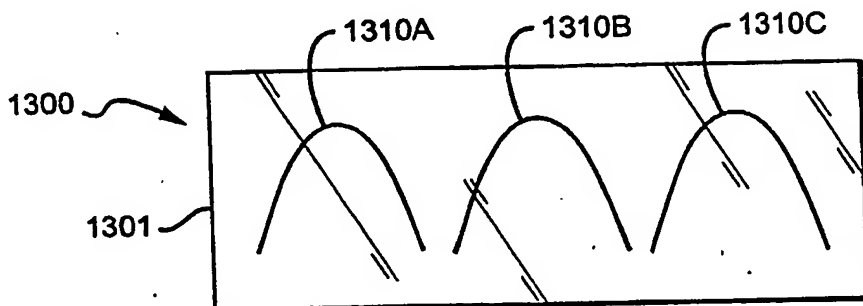


FIG. 17

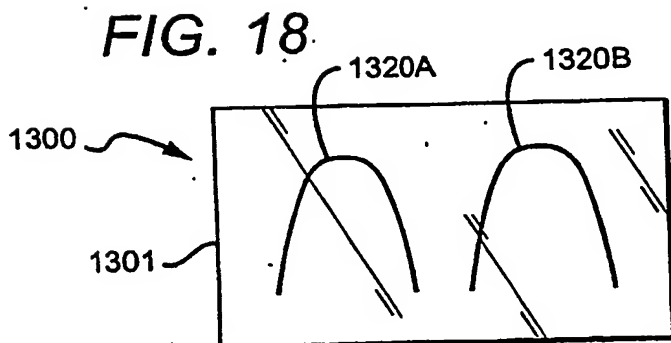


FIG. 18

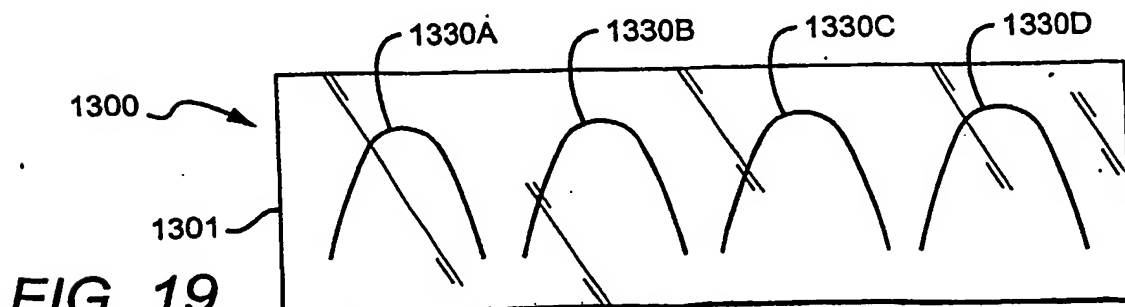


FIG. 19

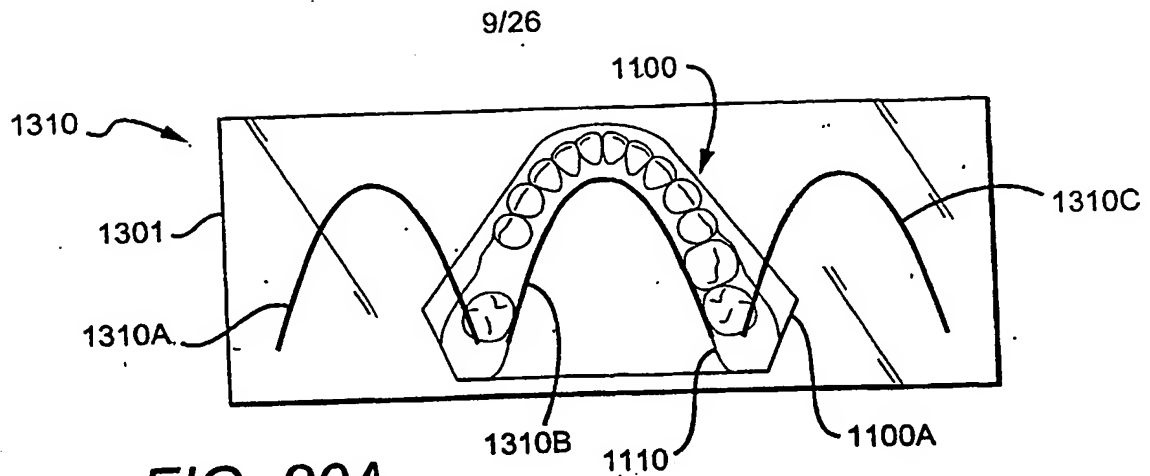


FIG. 20A

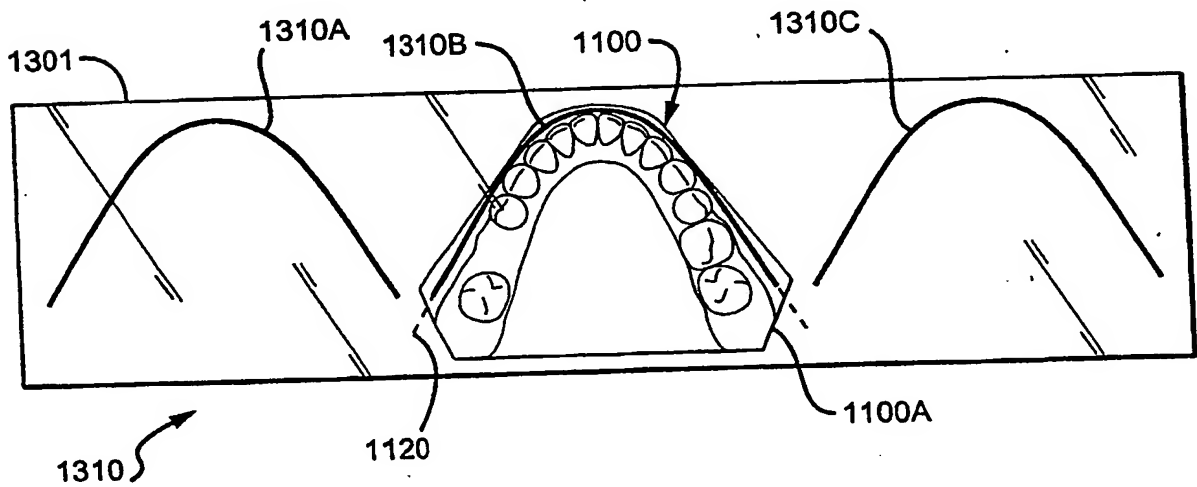


FIG. 20B

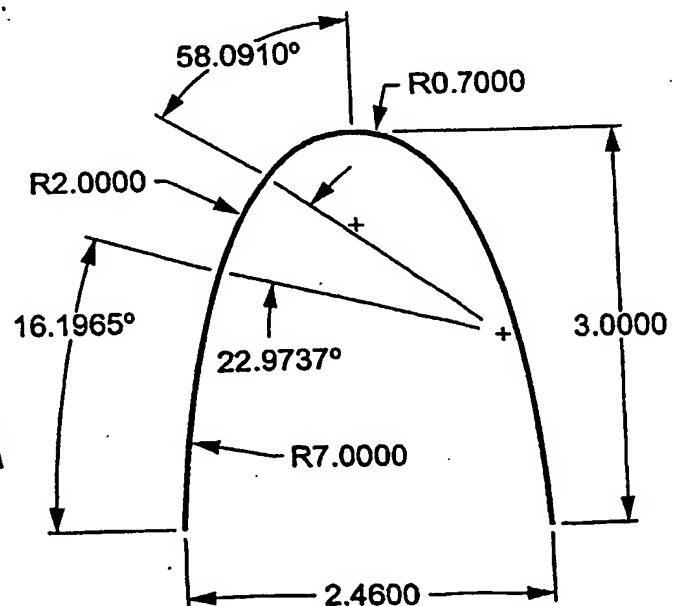


FIG. 21A

10/26

FIG. 21B

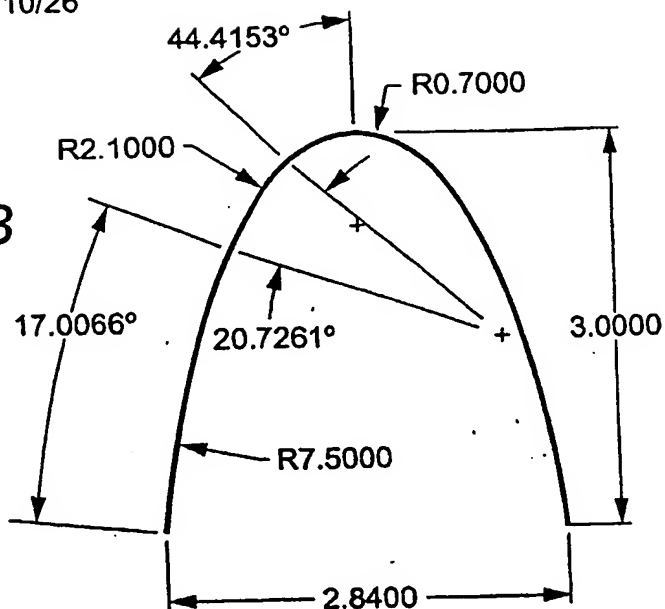


FIG. 21C

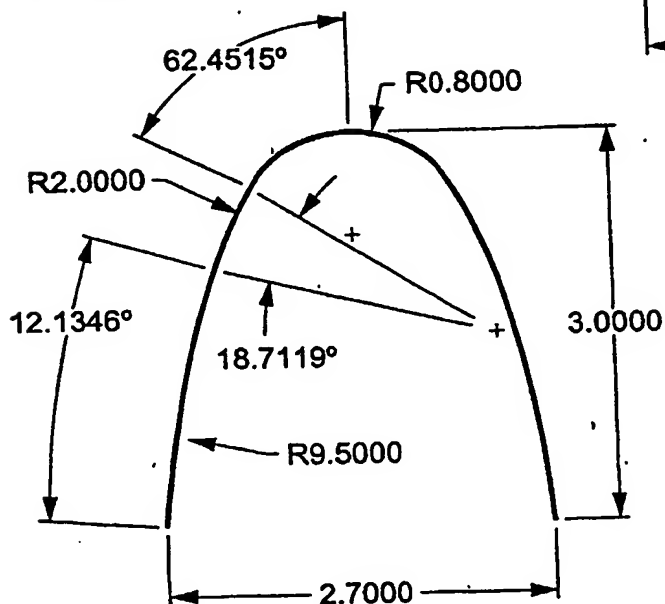
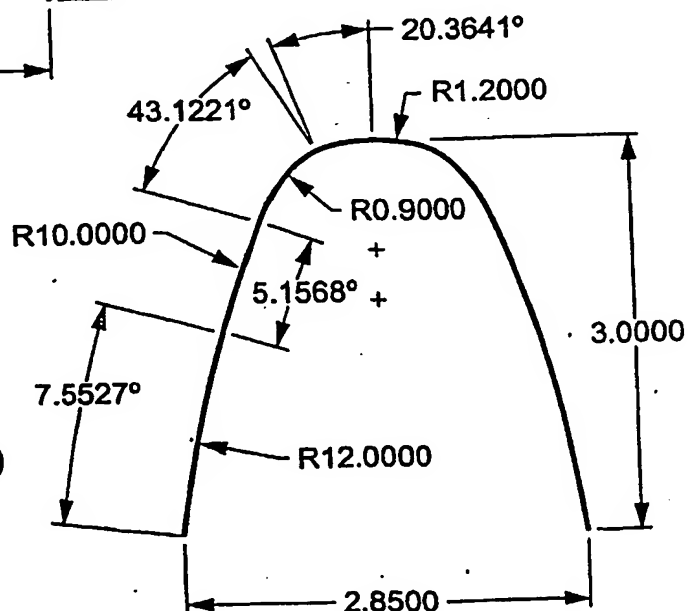


FIG. 21D



11/26

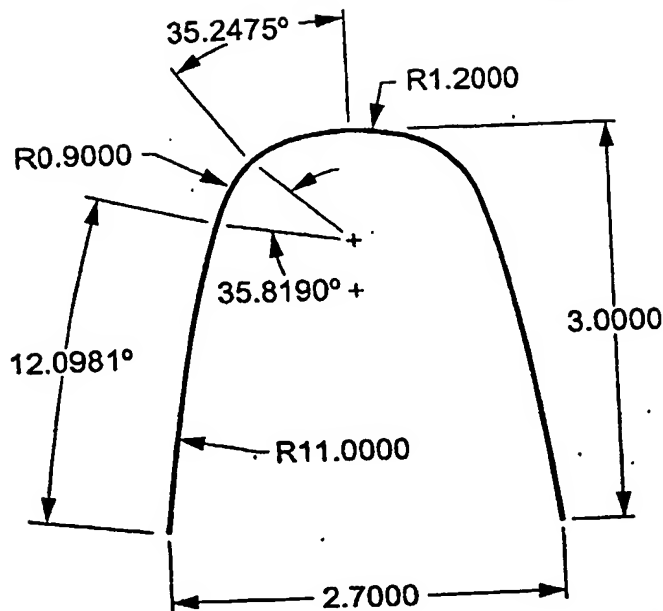


FIG. 21E

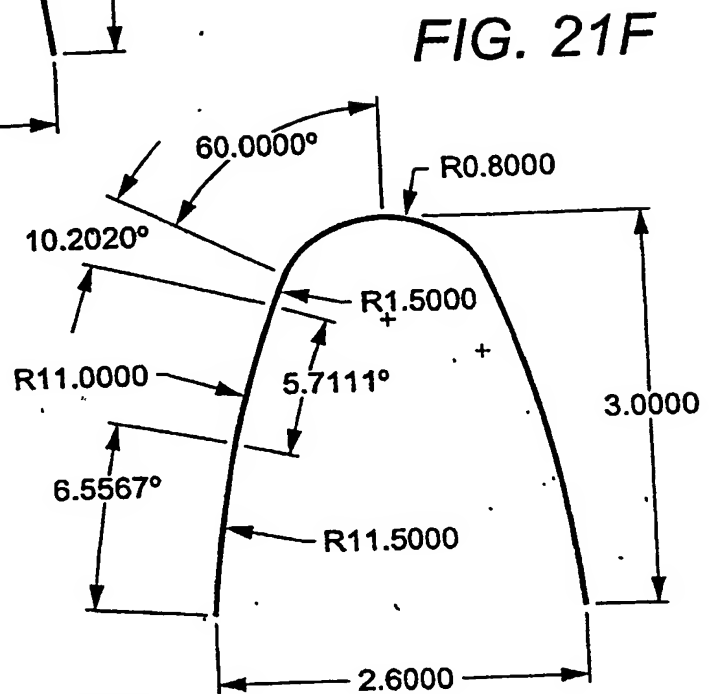


FIG. 21F

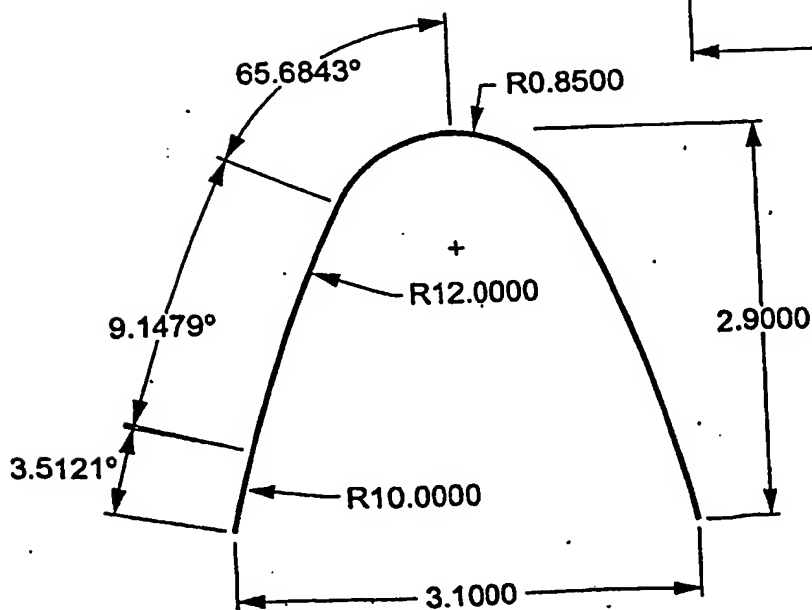


FIG. 21G

12/26

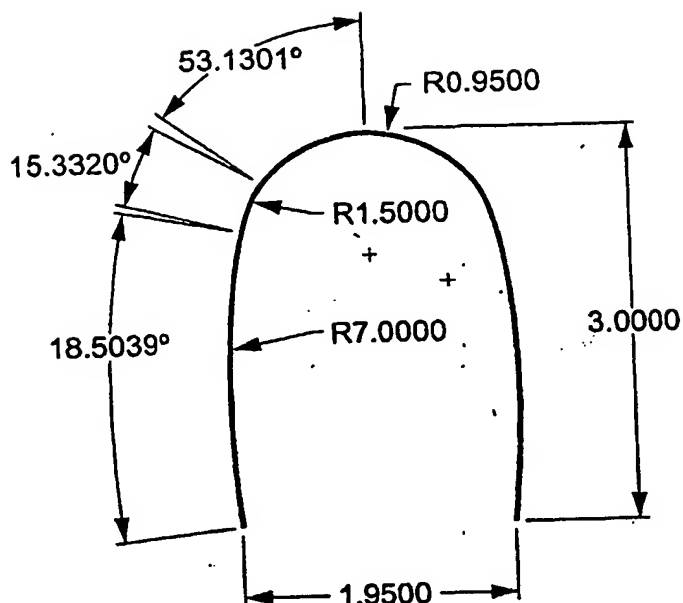
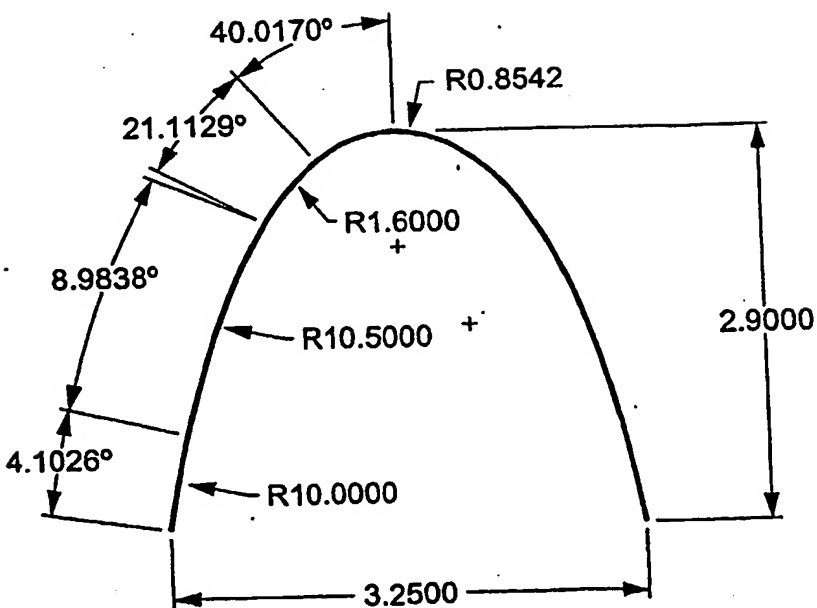


FIG. 21H

FIG. 21I



13/26

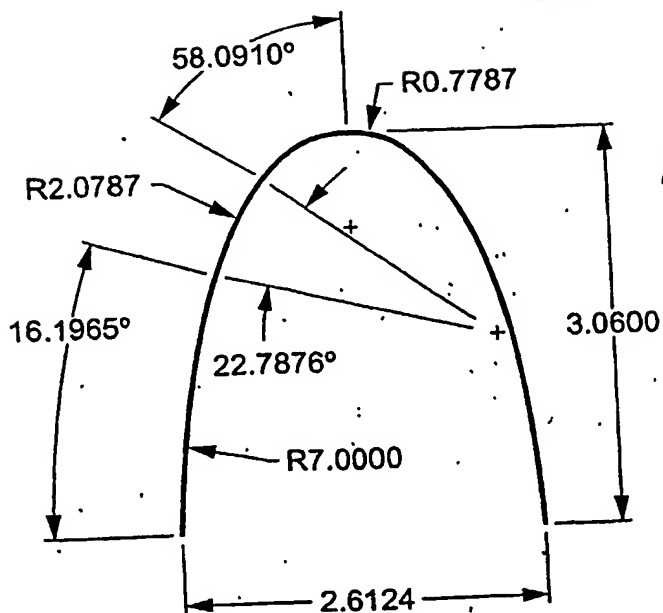


FIG. 22A

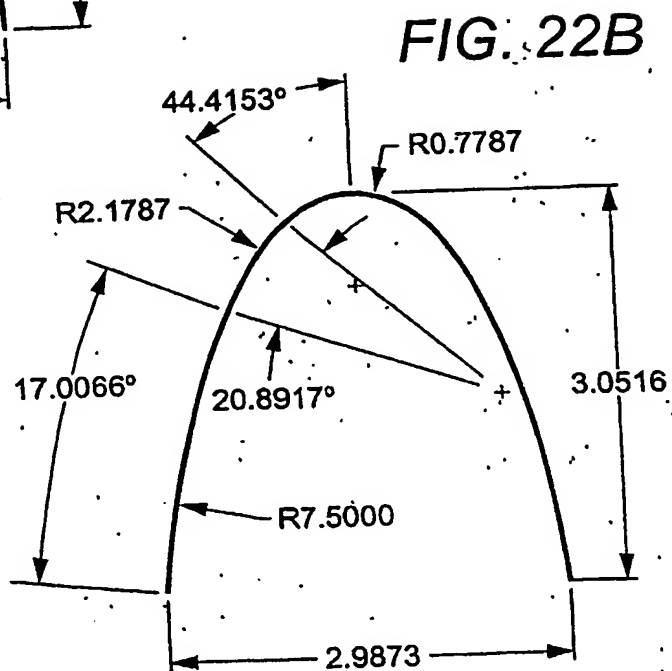


FIG. 22B

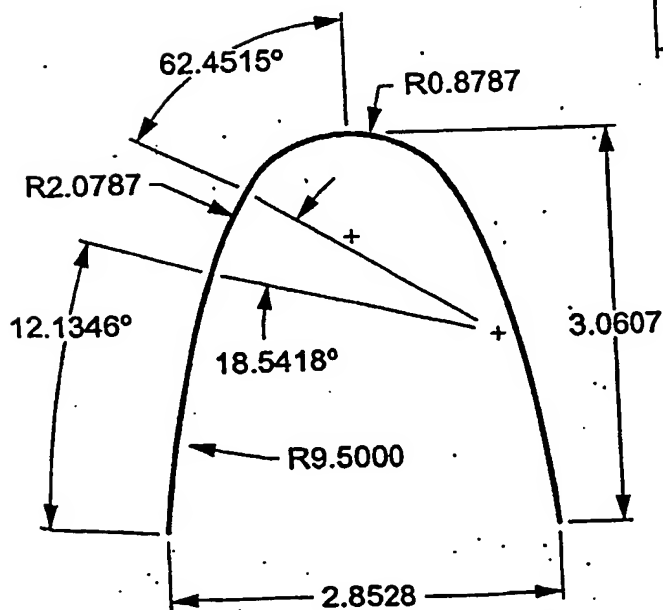


FIG. 22C

FIG. 22D

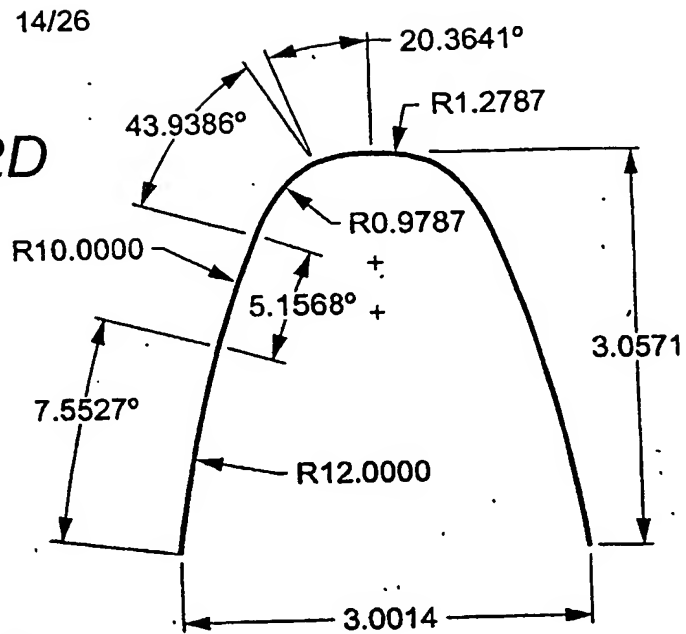


FIG. 22E

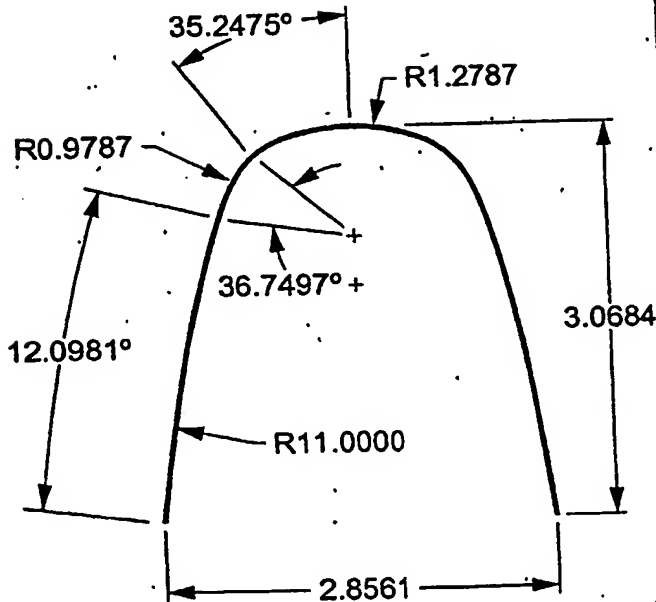
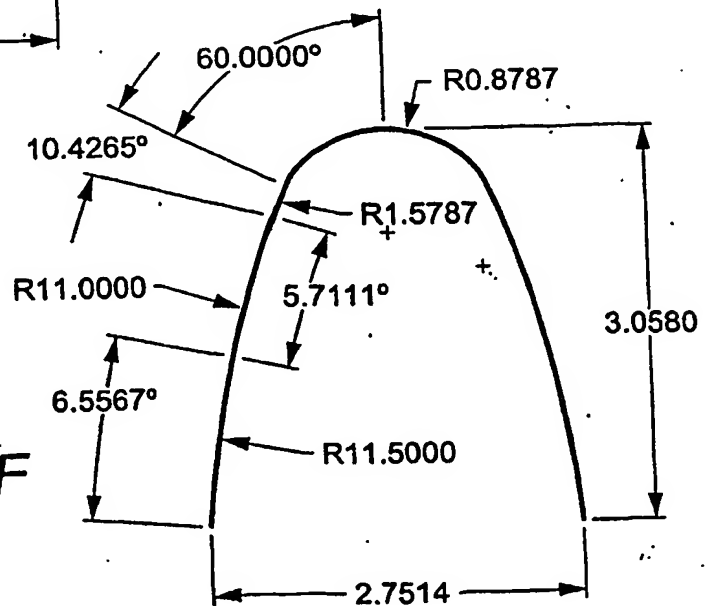


FIG. 22F



15/26

FIG. 22G

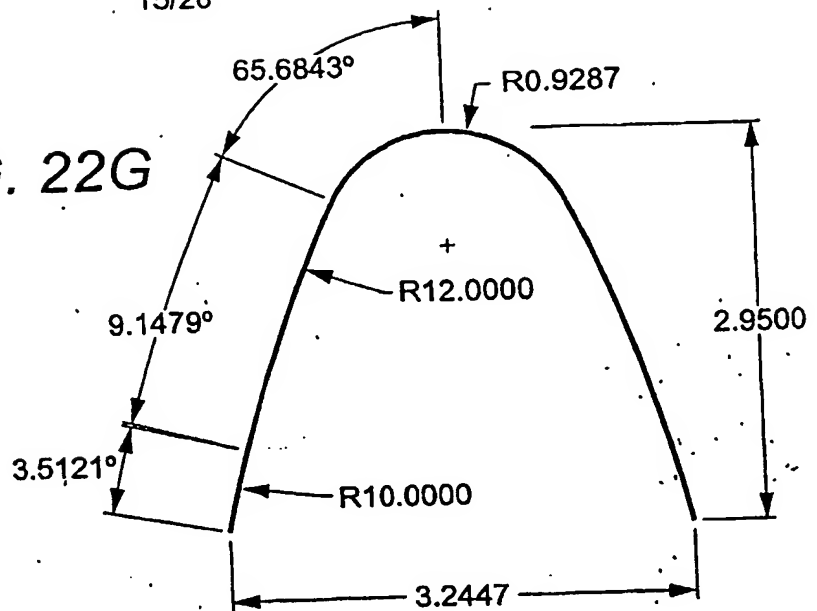


FIG. 22H

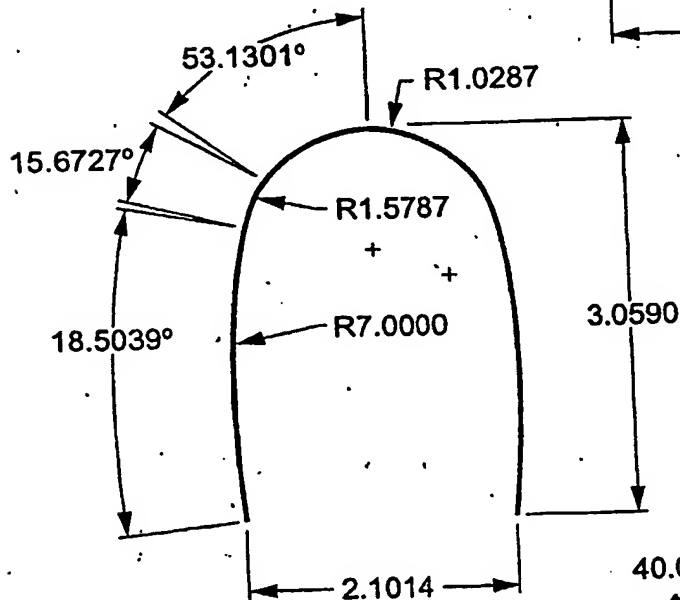
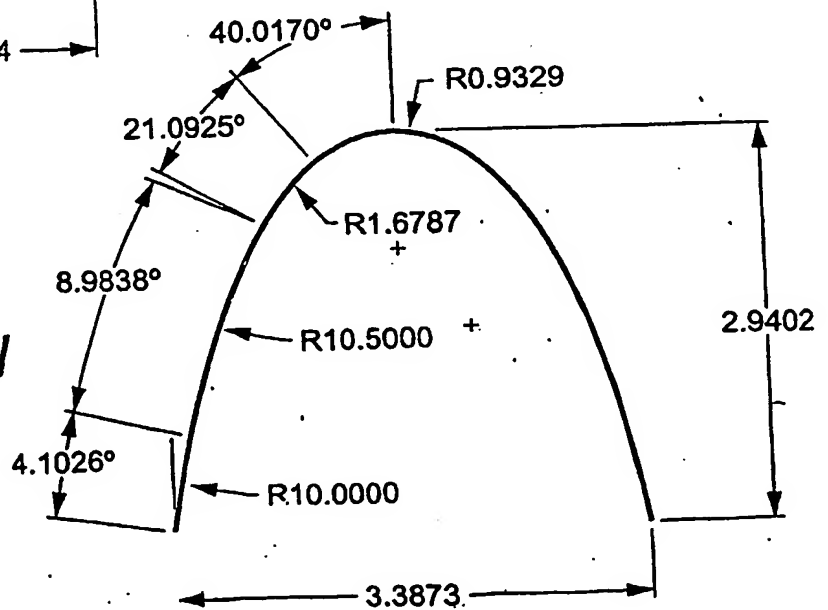


FIG. 22I



16/26

FIG. 23A

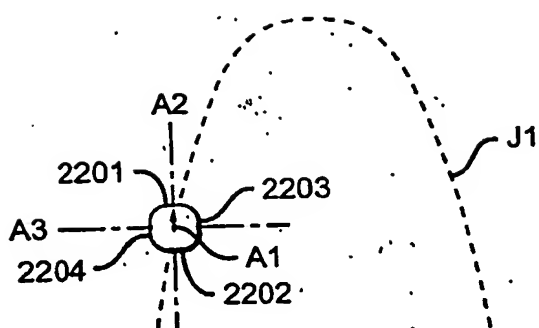
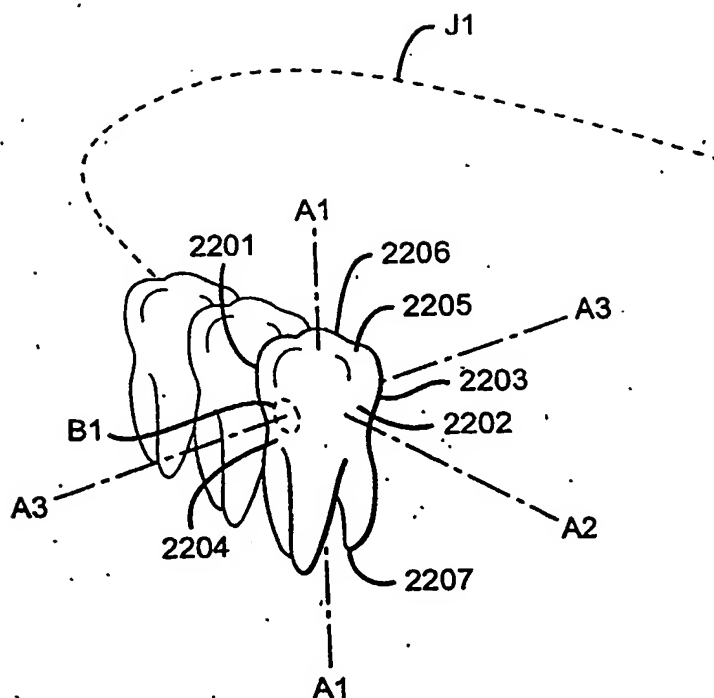


FIG. 23B

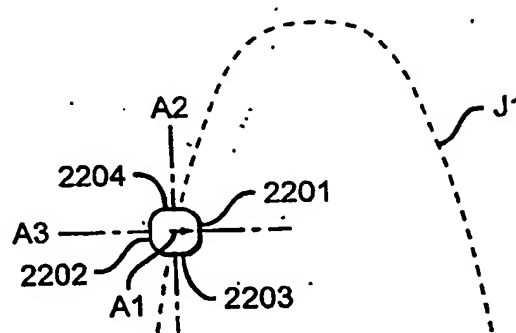


FIG. 23C

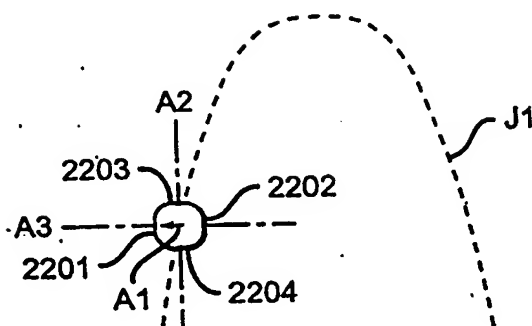


FIG. 23D

17/26

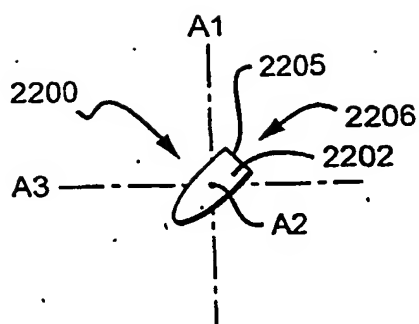


FIG. 23E

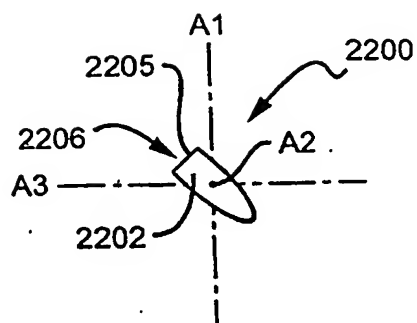


FIG. 23F

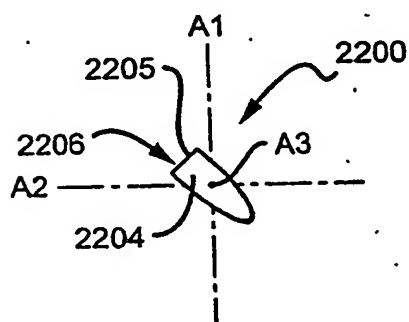


FIG. 23G

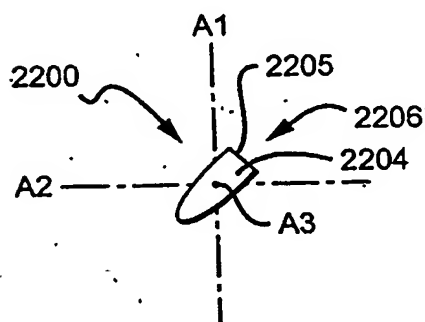


FIG. 23H

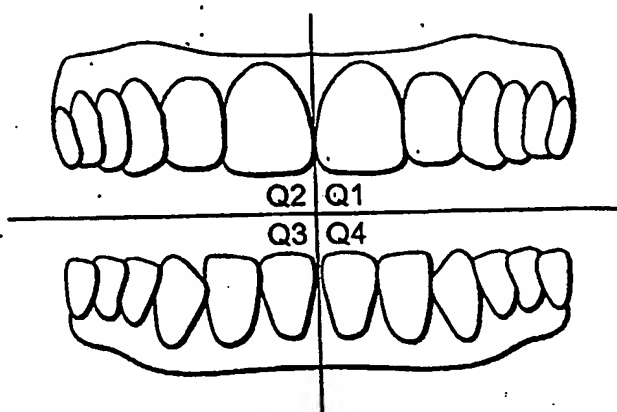


FIG. 24

18/26

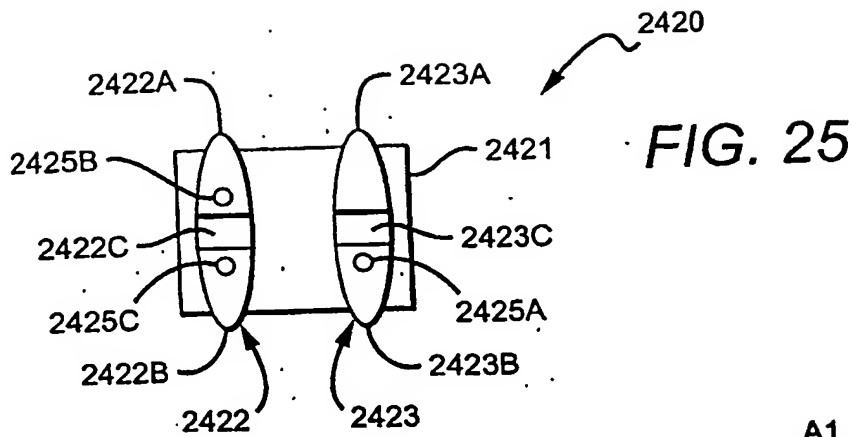


FIG. 25

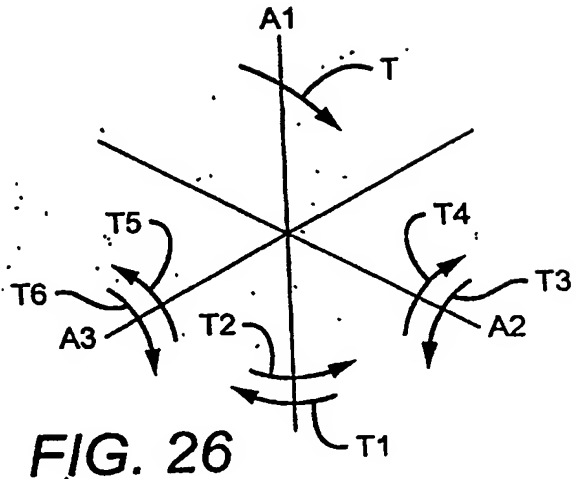


FIG. 26

MESIAL ROTATION:													
__ 17 __	__ 16 __	__ 15 __	__ 14 __	__ 13 __	__ 12 __	__ 11 __	__ 21 __	__ 22 __	__ 23 __	__ 24 __	__ 25 __	__ 26 __	__ 27 __
__ 47 __	__ 46 __	__ 45 __	__ 44 __	__ 43 __	__ 42 __	__ 41 __	__ 31 __	__ 32 __	__ 33 __	__ 34 __	__ 35 __	__ 36 __	__ 37 __
DISTAL ROTATION:													
__ 17 __	__ 16 __	__ 15 __	__ 14 __	__ 13 __	__ 12 __	__ 11 __	__ 21 __	__ 22 __	__ 23 __	__ 24 __	__ 25 __	__ 26 __	__ 27 __
__ 47 __	__ 46 __	__ 45 __	__ 44 __	__ 43 __	__ 42 __	__ 41 __	__ 31 __	__ 32 __	__ 33 __	__ 34 __	__ 35 __	__ 36 __	__ 37 __

FIG. 29

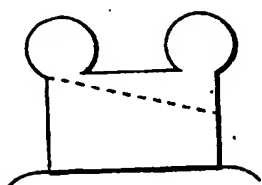


FIG. 27A

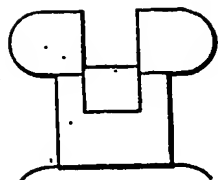


FIG. 27B

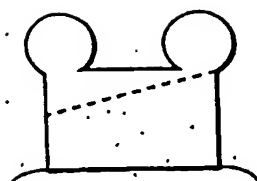


FIG. 27C

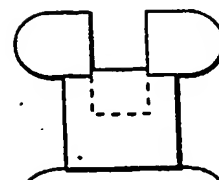


FIG. 27D

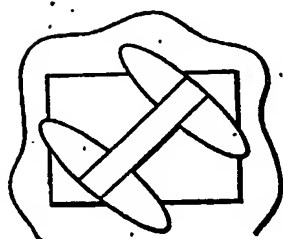


FIG. 27E

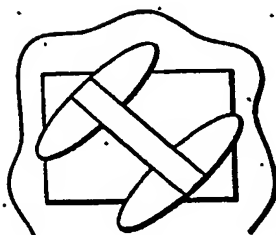


FIG. 27F

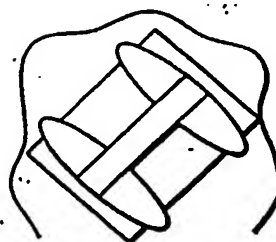


FIG. 27G

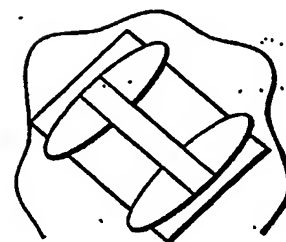


FIG. 27H

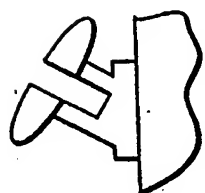


FIG. 27I

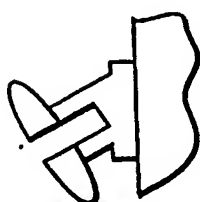


FIG. 27J

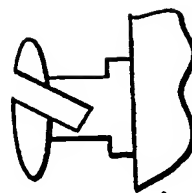


FIG. 27K

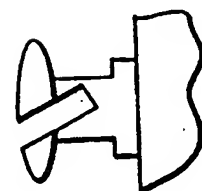


FIG. 27L

20/26

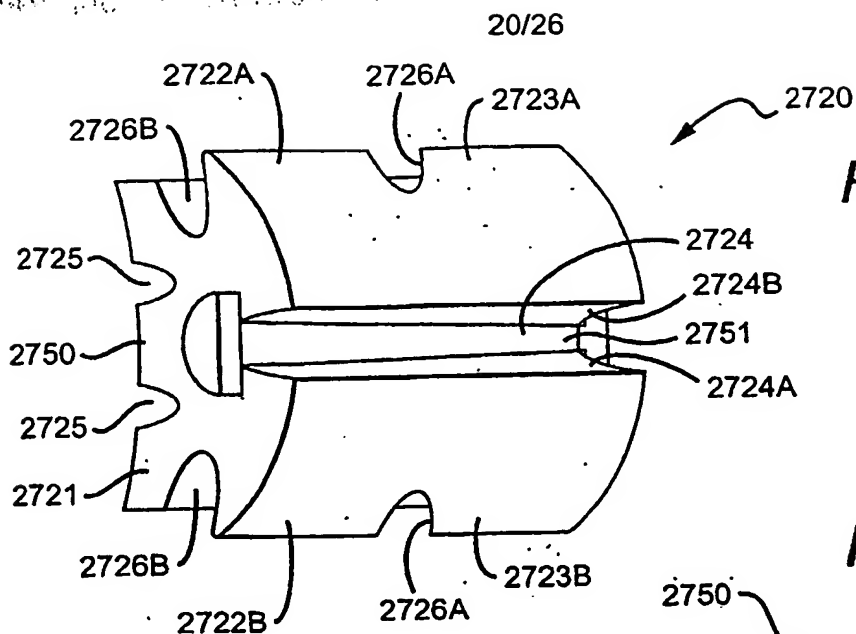


FIG. 28A

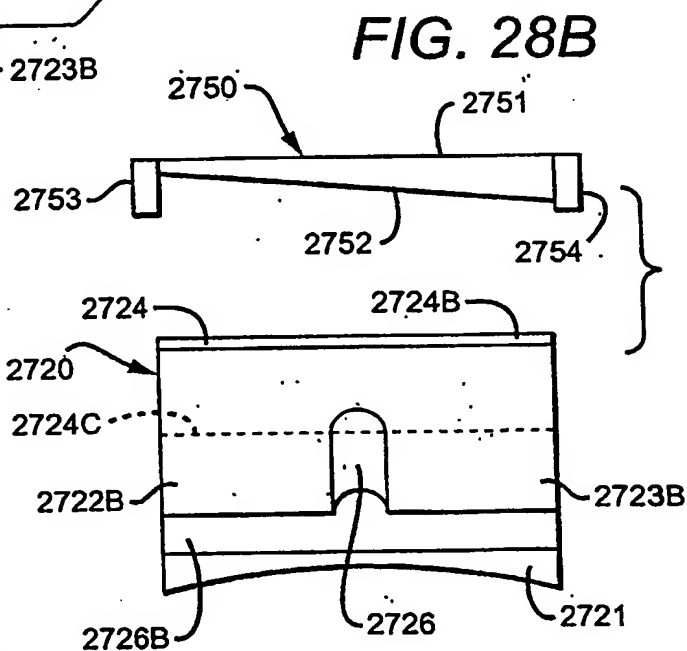


FIG. 28B

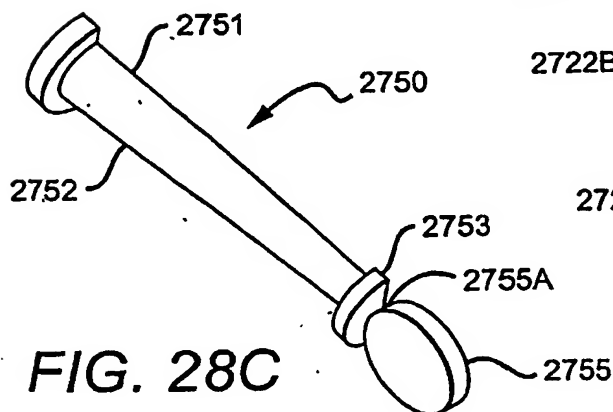


FIG. 28C

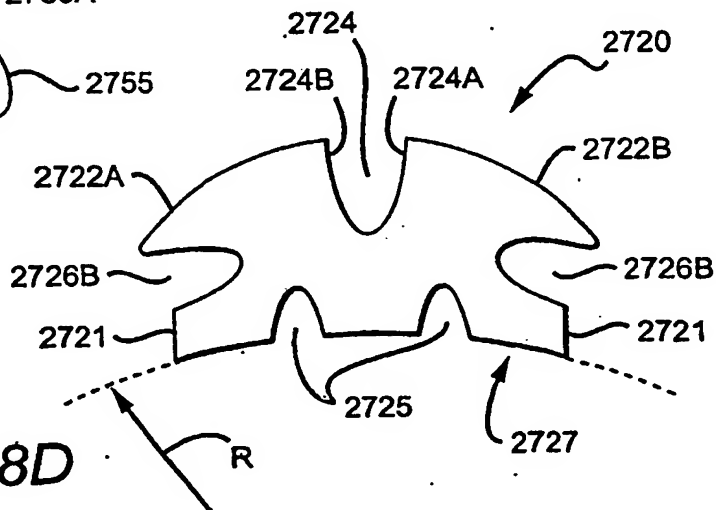


FIG. 28D

10/501972

21/25

FIG. 30A

BRACKET #	BRACKET DESCRIPTION	SELECTED WHEN
16D	Distal rotation bonded	Class III
16D2	Distal rotation bonded	Class III+Dr. prefers band
15M	Mesial rotation bonded offset pad	Mesial rotation indicated, Open coil applied to D surface
15Ms	Mesial rotation bonded, small pad	Mesial rotation indicated+ Short clinical crown
15M2	Mesial rotation band	Mesial rotation indicated, Dr. prefers band
15M2c	Mesial rotation band w/cleat	Mesial rotation indicated, Dr. prefers band w/cleat
15M2tipDc	M rotation band, Distal crown tip weld w/cleat	Restorative replacement 16
15D	Distal rotation bonded offset pad	Distal rotation indicated, Open coil force to M surface
15Ds	Distal rotation bonded, small pad	Distal rotation indicated+ short clinical crown
15D2	Distal rotation band	Distal rotation indicated, Dr. prefers band
15D2c	Distal rotation band w/cleat	Severe rotation, Dr. prefers band w/cleat
15D2tipM	Distal rotation band, mesial crown tip weld	Restorative replace 14 and/or bicuspid distalization
14M	Mesial rotation bonded offset pad	Mesial rotation indicated, Open coil applied to distal
14M2	Mesial rotation bonded, small pad	Mesial rotation indicated, short clinical crown
14M2c	Mesial rotation band w/cleat	Mesial rotation, Dr. prefers band
14MtipDc	Mesial rotation band, Distal crown tip weld w/cleat	Severe M rotation, Dr. prefers band w/cleat
14D	Distal rotation bonded offset pad	Replace 15 with restorative
14Ds	Distal rotation bonded, small pad	Distal rotation indicated, open coil applied to the mesial
14D2	Distal rotation band	Distal rotation, short clinical crown
14D2c	Distal rotation band w/cleat	Distal rotation, Dr. prefers band
14D2tipM	Distal rotation band, Mesial crown tip weld	Severe D rotation, Dr. prefers band
13M	Mesial rotation	Distal rotation, closing 15 spaces, and Dr. prefers band
13D	Distal rotation	Mesial rotation indicated, Open coil to D surface
12M	Mesial rotation	Mesial rotation indicated, open coil to D surface
12D	Distal rotation	Distal rotation indicated, open coil to M surface
12M	Mesial rotation	Mesial rotation indicated, open coil to D surface

SUBSTITUTE SHEET (RULE 26)

22/26

FIG. 30B

12D	Distal rotation	Distal rotation indicated, open coil to M surface
11M	Mesial rotation	Distal rotation indicated, open coil to D surface
11D	Distal rotation	Distal rotation indicated, open coil to M surface
11Mla	combination Mesial rotation, Labial root torque added	Class III, wits>4, M rotation
11Dla	combination Distal rotation, Labial root torque added	Class III, wits>4, D rotation
11Mli	combination Mesial rotation, Lingual root torque added	Upper 1SN<99, M rotation, Retract incisor 3mm+upper 1SN<110, M rotation
11Dli	combination Distal rotation, Lingual root torque added	Upper 1SN<99, D rotation, Retract incisor 3mm+upper 1SN<110, D rotation
11Mla	combination Mesial rotation, Labial root torque added	Class III, wits>4, M rotation
11Dla	combination Distal rotation, Labial root torque added	Class III, wits>4, D rotation
11Mli	combination Mesial rotation, Lingual root torque added	Upper 1SN<99, M rotation, Retract incisor 3mm+upper 1SN<110, M rotation
11Dli	combination Distal rotation, Lingual root torque added	Upper 1SN<99, D rotation, Retract incisor 3mm+upper 1SN<110, D rotation
11Mla	combination Mesial rotation, Labial root torque added	Class III, wits>4, M rotation
11Dla	combination Distal rotation, Labial root torque added	Class III, wits>4, D rotation
11Mli	combination Mesial rotation, Lingual root torque added	Upper 1SN<99, M rotation, Retract incisor 3mm+upper 1SN<110, M rotation
11Dli	combination Distal rotation, Lingual root torque added	Upper 1SN<99, D rotation, Retract incisor 3mm+upper 1SN<110, D rotation
35M	Mesial rotation bonded	Mesial rotation indicated, Open coil pushing on D surface
35M2	Mesial rotation band	Mesial rotation indicated and Dr. prefers band; Open coil pushing on D surface and Dr. prefers band
35M2c	Mesial rotation band w/cleat	severe Mesial rotation indicated and Dr. prefers band with a cleat; Open coil pushing on D surface and Dr. prefers band w/cleat
35D	Distal rotation bonded	Distal rotation indicated, Open coil pushing on M surface
35D2	Distal rotation band	Distal rotation indicated and Dr. prefers band; Open coil pushing on M surface and Dr. prefers band

[illegible]

Fig. 31

10/501972

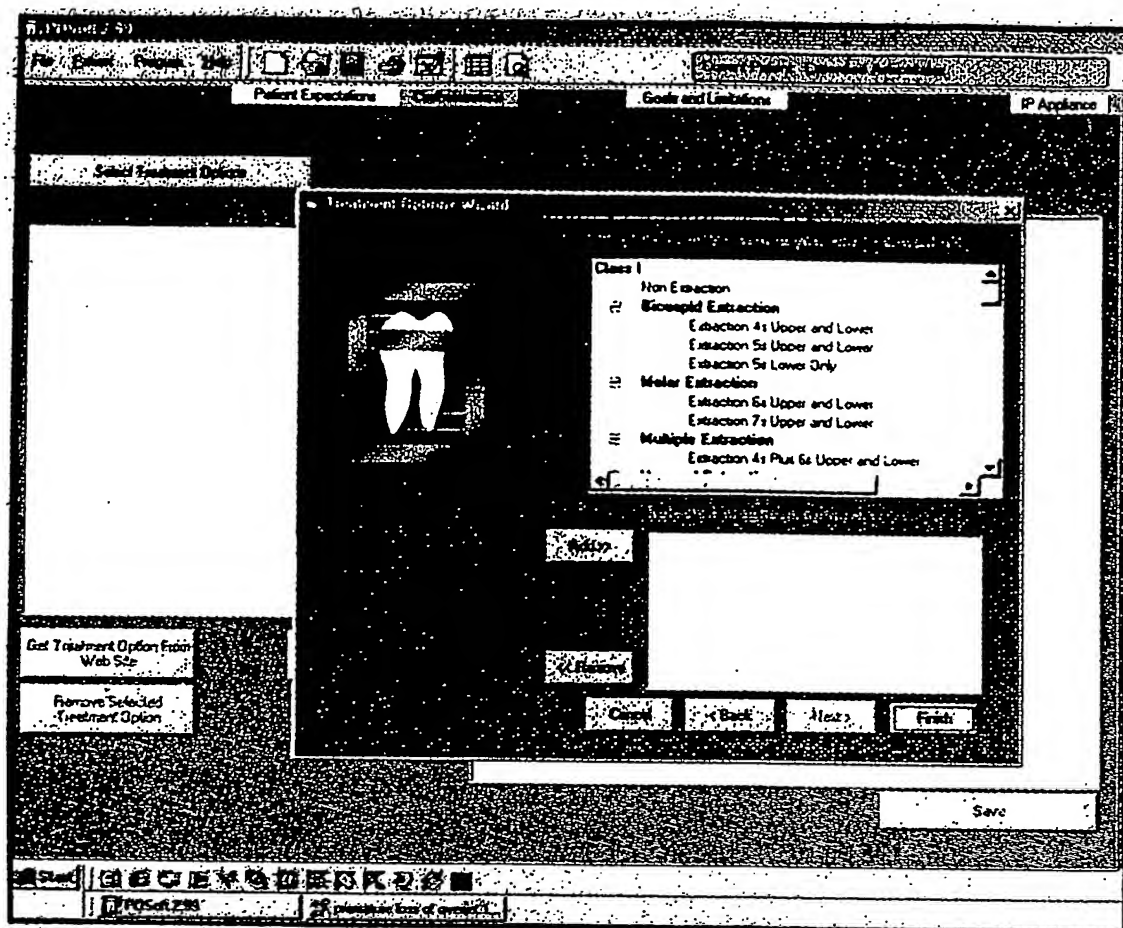


Fig. 32

Fig. 33

Appointment Information Type of appointment: Monthly visit Patient cooperation and appliance maintenance the past month: Excellent Hygiene this visit: Good Current Tx month: 1 Month since last: 0/36 Current date/time: 12/2/2002 11:31:56 AM [Icons: 4, 1, 60, 20, X]		Save Treatment decision: 007. Finish with the Lower Incisor Near the Start Position, Skeletal Open Bite Last month's treatment:		View	
Suggested treatment for this month:		Services rendered this month: Added bracket to tooth #20. Added bracket to tooth #13. Added band to tooth #46. Lacing from 21-22. Lacing from 22-23. Lacing from 32-33			
Next visit (next month): Change upper archwire to 19x25 (SS)		[Empty box for next visit details]			
Review previous treatments: Date: [Empty box] Tx month: [Empty box] Month since last: [Empty box]		Services rendered this month: Changed upper archwire to N-T1 18x25 (from inventory). Relined tooth #11. Placed separators. Changed lower archwire to SS 18x25 (from repair kit). Carotomomy Upper Lingual. Lacing from 17-16. Lacing from 48-47. Lacing from 45-44. Lacing from 44-43. Lacing from 43-42. Lacing from 42-41. Lacing from 22-23. Lacing from 34-35. Extracted tooth #28			
Type of appointment: Initial banding Patient cooperation and appliance maintenance the past month: Excellent Hygiene this visit: Excellent		[Empty box for patient cooperation and hygiene]			

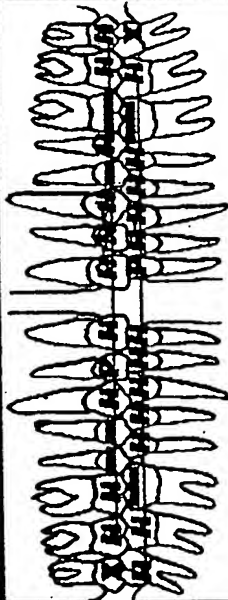


Fig. 34

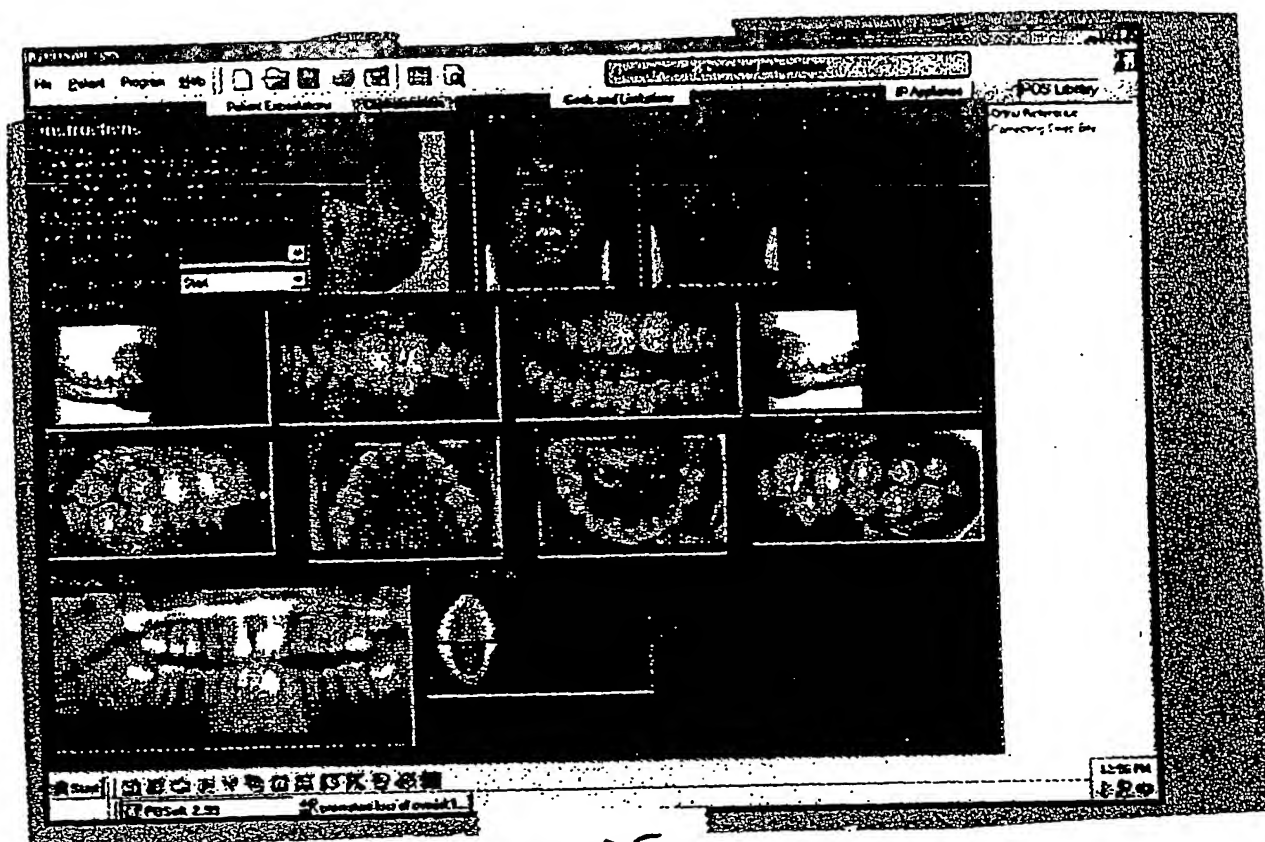


Fig. 35

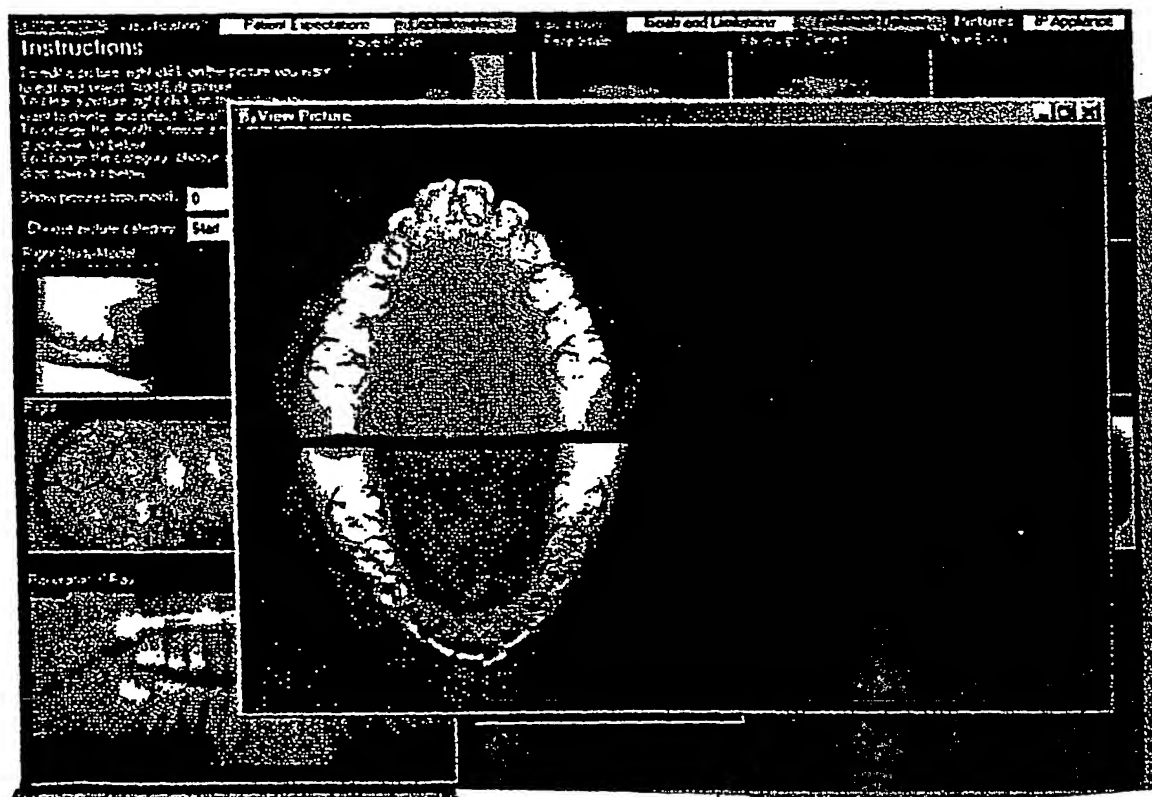


Fig. 36

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